

**CITY OF LINCOLN
COUNTY OF LANCASTER**

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Purchasing Agent

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QUOTATION REQUEST

Quote Prices F.O.B. Destination
Lincoln, Nebraska

Date - 3/11/03
Order No.- 1361 OQ
Date Due - 03/18/03

QUOTATIONS MUST BE RECEIVED IN
THE PURCHASING DIVISION OFFICE BY
THE DUE DATE SPECIFIED ABOVE

PLEASE MAKE NECESSARY VENDOR
INFORMATION CORRECTIONS ON THIS FORM:

VENDOR INFORMATION

Return Quotation Request To:

Purchasing Division
K-Street Complex
440 S 8th St Ste 200
Lincoln NE 68508
Kopplin, Tom - Quotes

Buyer

Item Number / Description	Quantity	UM	Unit Price	Total Price
16502601509 Mixer	1	EA		

Flygt Mechanical Mixer

Model 46504101704

Supplied as per the attached Performance and Equipment
Specifications.

VENDOR MUST COMPLETE THE FOLLOWING

The undersigned represents and warrants that he/she has full and complete authority to submit this quotation and to enter into a contract upon acceptance by the City/County. The undersigned agrees to comply with all conditions above and on reverse side of this document.

COMPANY NAME _____

ADDRESS _____

TELEPHONE _____

EMPLOYER FEDERAL ID NO. OR

SOCIAL SECURITY NUMBER _____

BY (PRINT NAME) _____

SIGNATURE _____

TITLE _____

DATE _____

DELIVERY SCHEDULE _____

DAYS ARO

**PURCHASING DIVISION
CITY OF LINCOLN AND LANCASTER COUNTY, NEBRASKA
INSTRUCTIONS TO BIDDERS**

1. **BIDDING PROCEDURE** - A bid by a corporation must be signed in the name of such organization by a duly authorized official thereof. Any person signing a bid for a firm, corporation, or other organization must show evidence of his authority so to bind such firm, corporation, or organization. Most departments of the City of Lincoln and Lancaster County agencies are exempt from federal excise taxes and state and local sales and use taxes. Kindly bid without taxes. The City/County will be responsible for paying any taxes which may be due.
2. **FAIR EMPLOYMENT PRACTICES** - Each bidder agrees that he/she will not discriminate against any employee or applicant for employment because of age, race, color, religion, ancestry, national origin, disability, sex or marital status, and that he will take affirmative action to assure that applicants are employed and that employees are treated during employment without regard to age, race, color religion, ancestry, national origin, disability, sex or marital status.
3. **DATA PRIVACY** - Bidder agrees to abide by all applicable State and Federal laws and regulations concerning the handling and disclosure of private and confidential information concerning individuals and corporations as to inventions, patents and patent rights. The bidder agrees to hold the City/County harmless from any claims resulting from the bidder's unlawful disclosure or use of private or confidential information.
4. **INDEPENDENT PRICE DETERMINATION** - By signing and submitting this bid, the bidder certifies that: The prices in this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor.
5. **CLARIFICATION OF SPECIFICATION DOCUMENTS** - Bidders shall promptly notify the Purchasing Agent of any ambiguity, inconsistency or error which they may discover upon examination of the specification documents. Interpretations, corrections and changes made to the specification documents will be made by written addenda. Oral interpretations or changes to the Specification Documents made in any other manner, will not be binding on the City/County; and bidders shall not rely upon such interpretations or changes. No addendum will be issued later than forty-eight (48) hours prior to the date and time for receipt of bids, except: An addendum withdrawing or postponing the invitation to bid.
6. **BRAND NAMES** - If and wherever in the material specifications or proposal form brand names, make, manufacturer, trade name, or vendor catalog number is specified, it is for the purpose of establishing a grade or quality of material only; and the term "or equal" is deemed to follow. It is the bidder's responsibility to identify any alternate items offered in the bid, and prove to the City/County that said item is equal to or better than the product specified. If variations are not stated in the proposal, it will be assumed that the item being bid fully complies with the City/County's specifications.
7. **DEMONSTRATION/SAMPLES** - If requested, the bidders shall, at bidder's expense, demonstrate and/or furnish samples of the exact item(s) proposed within seven (7) calendar days from receipt of such request from the City/County.
8. **DELIVERY** - Each bidder shall state on his proposal form the date upon which he can make delivery of all equipment or merchandise. F.O.B. to the City/County at the location specified by the City/County, with all transportation charges paid.
9. **WARRANTIES, GUARANTEES AND MAINTENANCE** - A copy of the manufacturer's warranties and/or guarantees for the items being bid must accompany your proposal. A copy of your company's maintenance policies and costs must also accompany your proposal. Replacement parts of defective components shall be shipped to the City/County at no cost. If defective parts are required to be returned to the bidder, the shipping costs shall be borne by the bidder.
10. **ACCEPTANCE OF MATERIAL** - The finished materials must be new, the latest make or model, of the best quality, unless otherwise specified, and the highest grade workmanship. The material delivered under this proposal shall remain the property of the bidder until a physical inspection and actual usage of this material and/or service is made, and thereafter is accepted by the City/County. The material delivered must be fully in accord with specification documents. In the event the material and/or services supplied to the City/County is found to be defective or does not conform to specification documents, the City/County reserve the right to cancel the order upon written notice to the bidder and return materials to bidder at the bidder's expense. Successful bidder shall be required to furnish title to the material, free and clear of all liens and encumbrances, issued in the name of the City of Lincoln or Lancaster County, Nebraska, as required by the contract documents or purchase orders. Selling dealer's advertising decals, stickers or other signs shall not be affixed to the equipment; vehicle mud flaps shall be installed blank side out with no advertisements. Manufacturer's standard production forings, stampings, nameplates and logos are acceptable.
11. **BID EVALUATION AND AWARD** - The signed bid shall be considered an offer on the part of the bidder. Such offer shall be deemed accepted upon issuance by the City/County of purchase orders, contract award notifications, or other contract documents appropriate to the work. No bid shall be modified or withdrawn for a period of sixty (60) calendar days after the time and date established for receiving bids, and each bidder so agrees in submitting the bid. In case of a discrepancy between the unit prices and their extensions, the unit price shall govern. The City/County reserve the right to accept or reject any or all bids, or part of bids, to waive irregularities and technicalities, and to request rebids on the material described in the specification documents.
12. **TERMS OF PAYMENT** - Unless other specification provisions state otherwise, payment in full will be made by the City/County within thirty (30) calendar days after all labor has been performed and all equipment or other merchandise has been delivered, and all such labor and equipment and other materials have met all contract specifications.
13. **LAWS** - The Laws of the State of Nebraska shall govern the rights, obligations, and remedies of the Parties under this proposal and any agreement reached as a result of this process.

Specifications
For
Non-Clog Submersible Wastewater Wetwell Mixer
Theresa Street Wastewater Treatment Facility

1.0 General

- 1.1 Acceptable Manufacturer shall be Flygt "Model 4650"
- 1.2 Supplier shall furnish one (1) close coupled, submersible wastewater mixer as per the specifications described herein.
- 1.3 A sliding guide bracket shall be an integral part of the mixer unit and be capable of connection to existing four inch mast system.

2.0 Operating Requirements and Conditions

- 2.1 Motor and mixer shall be sized by the manufacturer for an approximate flow rate of 10,500 GPM for operation on 480 volts, 3 phase, 60 hertz service.
- 2.2 The mixer shall be capable of handling fibrous materials, heavy solids and other matter associated with raw, unscreened wastewater.
- 2.3 Mixer shall be supplied with 40 feet of standard power cable sized by the manufacturer for the operating conditions and voltage noted above.
- 2.4 Mixer to be installed on existing manufacturers mast system.

3.0 Equipment and Performance Specifications (Attachments)

- 3.1 Municipal 4600 Submersible Mixer Specification
- 3.2 4600 Series Design Features and Materials of Construction (304 Stainless Steel)
- 3.4 4600 Series Propeller Performance
- 3.5 4600 Series Power Cable Material

4.0 Miscellaneous

- 4.1 4 Year manufacturers warranty. (See Attached)

4.2 Operation and Maintenance Information

- 4.2.1 Two (2) sets of O&M manuals specific to the pump model supplied shall accompany delivery of the equipment.
- 4.2.2 O&M manual information shall consist of general operating instruction, recommended spare parts, recommended maintenance, trouble shooting guides, and exploded part assembly views specific to the pump model supplied.

5.0 Delivery Information and Contact

- 5.1 Contact Mr. Steve Crisler, telephone number 402-441-7966 or Mr. Rod Henderickson, telephone number 402-441-7978 with any application questions regarding this request.
- 5.2 Shipping address is as follows: City of Lincoln, Theresa Street Wastewater Treatment Facility, 2400 Theresa Street, Lincoln, Ne. 68521

4600 Submersible Mixer

Municipal Specification

Section 4



4600 Series Mixers

Issued: 1/02

Supersedes: 9/00

SCOPE

Furnish and install ____ submersible mixer(s). Each mixer shall be equipped with a ____ HP, submersible electric motor connected for operation on ____ Volts, ____ Phase, 60 Hertz, ____ wire service, with 30 Ft. of ____ AWG Subcab cable. All cables shall be oil resistant chloroprene rubber jacketed. Each unit shall be fitted with ____ feet (40 ft. minimum) of lifting cable of adequate strength to permit raising and lowering the mixer. Mixers specified herein shall have propeller code ____ and be capable of primary flow of ____ GPM with a shaft horsepower not to exceed ____ BHP in clear water. The mixer shall draw ____ Amps maximum when operating at the specified BHP. Total input power shall not exceed ____ kW.

MANUFACTURER REQUIREMENTS

The mixing equipment specified herein shall be the design and fabrication of a single manufacturer which shall have sole source responsibility for said equipment.

MIXER DESIGN

The mixer(s) shall be capable of handling raw, screened sewage. The mixer(s) shall be able to be raised and lowered and shall be easily removed for inspection or service without the need for personnel to enter the mixing vessel. A sliding guide bracket shall be an integral part of the mixer unit. The entire weight of the mixer unit shall be guided by a single bracket which must be able to handle all thrust created by the mixer. The standard mixer, with its appurtenances and cable, shall be capable of continuous submergence under water without loss of watertight integrity to a depth of 130 ft. FM approved mixers have a depth limit of 57 ft.

MIXER CONSTRUCTION

Each mixer shall be of the integral design, close coupled, submersible type. All components of the mixer, including motor shall be capable of continuous underwater operation. Major mixer components shall be of ____ (304 Stainless Steel or 316L Stainless Steel construction). The oil housing cover plate shall be of corrosion resistant composite (4610/20 utilize a vinylester composite motor cover). All exposed nuts and bolts shall be of stainless steel. In order to insure that the low velocity area around the motor remains impervious to low PH solids and or liquid attack, the motor housing exterior shall be made of 316 Stainless Steel. All metal surfaces coming into contact with the mixed media, other than stainless steel, shall be protected by a factory applied spray coating of acrylic dispersion zinc phosphate primer with an epoxy finish coat on the exterior of the mixer.

MOTOR

The multi-pole motor shall be directly connected to the propeller (gearbox designs are not acceptable) to produce a propeller speed of ____ RPM. The mixer motor shall be squirrel cage, induction, shell type design, housed in an air filled, watertight chamber. The stator windings shall be insulated with moisture resistant Class H insulation rated for 180°C (356°F). The stator shall be insulated by the trickle impregnation method using Class H monomer-free polyester resin resulting in a winding fill factor of at least 95%. The use of multiple step dip and bake-type stator insulation process is not acceptable. The motor shall be designed for continuous duty, capable of sustaining a maximum of at least ten (10) evenly spaced starts per hour. The rotor bars and short circuit rings shall be made of aluminum.

ELASTOMERS

All mating surfaces where watertight sealing is required shall be machined and fitted with a double set of Nitrile rubber or Viton O-rings. Fitting shall be such that sealing is accomplished by metal-to-metal contact between machined surfaces. This will result in controlled compression of the O-rings without requiring a specific torque limit. No secondary sealing compounds, rectangular gaskets, elliptical O-rings, grease or other devices shall be used.

PROPELLER

The propeller shall be of 316 stainless steel dynamically balanced, non-clogging backward curved design. Each blade shall be laser cut and welded to the hub to ensure that the propeller is properly balanced. The propeller shall be capable of handling solids, fibrous materials, heavy sludge and other matter found in normal sewage applications. The propeller shall have either two or three vanes ____ inches in diameter with a blade angle of ____ degrees.

CABLE ENTRY

The cable entry housing shall be an integral part of the back plate. The cable entry shall have a double set of elastomer grommets in order to ensure a redundant system in the event of a cable entry failure. Single sealing systems will not be deemed acceptable. The cable entry shall be comprised of two cylindrical elastomer grommets, each flanked by washers and a ferrule designed with close tolerance fit against the cable outside diameter and the entry inside diameter. This will provide a leak proof seal at the cable entrance without the need for specific torque requirements. The assembly shall bear against a shoulder in the stator

4600 Submersible Mixer

Municipal Specification

Section 4



4600 Series Mixers

Issued: 1/02

Supersedes: 9/00

casing opening and be compressed by a gland nut threaded into it. Interaction between the gland nut and the ferrule should move the grommet along the cable axially instead of with a rotary motion. The junction chamber and motor compartment shall be separated by a terminal board which shall protect the motor interior from foreign material gaining access into the mixer top. Connection shall be made between the threaded compressed type binder post thus securely affixing the cable wires to the terminal board. The use of the terminal compressed type post and a terminal board O-ring shall render the motor compartment leak proof from any liquid which may enter the terminal compartment. **Epoxies, silicones, or other secondary sealing systems shall not be considered acceptable.**

BEARINGS

All bearings shall have a minimum B-10 or L-10aa rated life of 100,000 hours and shall have inner and outer races of metal construction. Bearings with races made of nonmetallic construction will not be deemed acceptable or meeting the load handling and environmental requirements of this application. The outboard propeller bearing shall be an angular contact bearing. The motor shaft end shall be supported by two bearings. A roller and an angular contact ball bearing shall take up the axial and radial loads while an angular contact ball bearing shall take up the axial loads. The bearings shall be pre-loaded by a bearing loading nut located on the motor end of the shaft in order to reduce shaft deflection and increase bearing life and seal life. Mixers without pre-loaded bearings will not be considered acceptable or equal.

THERMAL SENSORS

Thermal sensors shall be used to monitor stator temperatures. The stator shall be equipped with three (3) thermal switches embedded in the end coils of the stator winding and set for 260°F (125°C). These shall be used in conjunction with, and supplemental to, external motor overload protection, and wired to the control panel.

JET RING ASSEMBLY

The mixer assembly shall incorporate a jet ring a full 360 degrees around the propeller. A maximum clearance of 1 ½ inches shall be maintained between the propeller tip and the shroud in order to maintain hydraulic efficiency and minimize power consumption.

OIL HOUSING

The oil housing shall contain two compartments consisting of an inner and an outer section with four

ports to connect and facilitate oil flow. In the event that the mixed media bypasses the other seal, this design will allow the outer compartment to collect the heavier (denser) fluids by means of a simple gravity process.

MECHANICAL SEALS

Each mixer shall be provided with two sets of lapped end face type mechanical seals running in oil reservoirs for cooling and lubrication. The mechanical seals shall contain positively driven rotary, corrosion resistant, Tungsten Carbide face rings or optional Silicon Carbide rings (select appropriate materials). In order to avoid seal failure due to sticking, clogging, and misalignment from elements contained in the mixed media, only the seal faces of the outer seal assembly and its retaining clips shall be exposed to the mixed media. All other components shall be contained in the oil housing.

The seals shall require neither maintenance nor adjustment, but shall be easy to check and replace. Shaft seals without positively driven rotating members shall not be considered acceptable or equal.

MIXER TEST

The mixer manufacturer shall perform the following inspections and tests on each mixer before shipment from the factory:

1. Propeller, motor rating, and electrical connections shall first be checked for compliance to the customer's purchase order.
2. A motor and cable insulation test for moisture content or insulation defects shall be made.
3. Prior to shipment, the mixer shall be run dry to establish correct rotation and mechanical integrity.

A written report stating the foregoing steps have been done may be supplied with each mixer at the time of shipment (upon request).

HAZARDOUS LOCATION EQUIPMENT

In addition to the requirements listed above, for the installations which are considered to be in hazardous locations as defined by the National Electrical Code (NEC), only mixers certified by Factory Mutual for use in such locations shall be used.

Specifically, the mixers used shall be certified for use in all Class I, Divisions 1 and 2, Groups C and D, Class II, Divisions 1 and 2, Groups E, and G and Class III locations as outlined in Articles 500-502 inclusive of the NEC code.

4600 Series Mixers

Features & Materials of Construction

Section 4



4600 Series Mixers

Issued: 7/00

Supersedes: 6/99

Components	304 Stainless Steel Mixer	316 Stainless Steel Mixer	Proacid 254 Mixer
Inner Stator Base:	+*Cast Iron (AISI A-48 No. 35B)	^ +*Cast Iron (AISI A-48 No. 35B)	+*Cast Iron (AISI A-48 No. 35B)
Outer Stator Jacket:	+316 Stainless Steel	^ +316 Stainless Steel	+Proacid 254 (UNS S31254)
Sliding Bracket/ Cable Entry & Mixer Top:	+304 Stainless Steel	+316 Stainless Steel	+Proacid 254 (UNS S31254)
Mixer Fixing Plate:	----	^ 316 Stainless Steel	----
Propeller:	+316 Stainless Steel	^ +316 Stainless Steel	+Proacid 254 (UNS S31254)
Jet Ring:	+304 Stainless Steel	+316 Stainless Steel	+Proacid 254 (UNS S31254)
Mixer Lifting Device:	+316 Stainless Steel	+316 Stainless Steel	+Proacid 254 (UNS S31254)
Shaft:	+420 Stainless Steel	^ +420 Stainless Steel	+420 Stainless Steel
Oil Housing Cover:	+Vinylester (Fiberglass Reinforced)	^ +Vinylester (Fiberglass Reinforced)	+Vinylester (Fiberglass Reinforced)
Propeller Cover:	+Vinylester (Fiberglass Reinforced)	^ +Vinylester (Fiberglass Reinforced)	+Vinylester (Fiberglass Reinforced)
Mixer Guiding "Rollers":	304 Stainless Steel	316 Stainless Steel	Proacid 254
O-Ring:	+Nitrile Rubber	^ +Fluorinated Rubber	+Fluorinated Rubber
Cable Entry Grommets:	+Nitrile Rubber	^ +Fluorinated Rubber	+Fluorinated Rubber
Outer Mechanical Seal:	+Tungsten Carbide	^ +Tungsten Carbide	+Silicon Carbide
Inner Mechanical Seal:	+Tungsten Carbide	^ +Tungsten Carbide	+Tungsten Carbide
Motor Cable:	+Chloroprene Rubber Jacket	^ +Chloroprene Rubber Jacket	+ "Teflon " Jacket

* The stator housing is an internal component protected by the outer stator jacket, therefore, the inner stator base never comes in contact with the mixed media.

+ Features and materials of construction used on Mast Mounted Mixers.

^ Features and materials of construction used on Flange Mounted Mixers.

4600 Propeller Performance

Mixers with Jet Ring

Section 4



4600 Series Mixers

Issued: 1/02

Supersedes: 1/01

Mixer	Prop. Code	Ø	Poles	Max. Motor HP Rating	Shaft HP*	% Full Load	Power Input (kW)	Prop. Speed (RPM)	Prop. Dia. (inches)	Prop. Blade Angles (Degree)	Flow (GPM)
4650	125803SJ	3	12	8.3	5.1	61	5.00	580	22 13/16	3°	9,280
	125805SJ	3	12	8.3	6.1	74	6.00	580	22 13/16	5°	10,480
	**125803TJ	3	12	8.3	4.2	51	4.40	580	22 13/16	3°	-----
	**125805TJ	3	12	8.3	5.1	62	5.20	580	22 13/16	5°	-----
4660	125803SJ	3	12	15.0	5.6	37	5.40	580	22 13/16	3°	9,280
	125805SJ	3	12	15.0	6.6	44	6.40	580	22 13/16	5°	10,480
	125807SJ	3	12	15.0	7.8	52	7.60	580	22 13/16	7°	11,680
	125809SJ	3	12	15.0	9.1	61	8.80	580	22 13/16	9°	12,720
	125811SJ	3	12	15.0	11.2	75	10.50	580	22 13/16	11°	13,770
	125813SJ	3	12	15.0	13.1	87	12.30	580	22 13/16	13°	14,820
	**125803TJ	3	12	15.0	5.0	33	4.80	580	22 13/16	3°	-----
	**125805TJ	3	12	15.0	5.7	38	5.50	580	22 13/16	5°	-----
4670	167705SJ	3	16	20.0	10.7	54	10.75	440	30 1/8	5°	18,250
	167707SJ	3	16	20.0	12.7	64	12.35	440	30 1/8	7°	20,320
	167709SJ	3	16	20.0	15.6	78	14.85	440	30 1/8	9°	21,900
	167711SJ	3	16	20.0	17.4	87	16.45	440	30 1/8	11°	24,430
4680	167705SJ	3	16	40.0	12.3	31	11.65	440	30 1/8	5°	18,250
	167707SJ	3	16	40.0	13.9	35	13.25	440	30 1/8	7°	20,320
	167709SJ	3	16	40.0	16.1	40	15.30	440	30 1/8	9°	21,900
	167711SJ	3	16	40.0	18.7	47	17.75	440	30 1/8	11°	24,130
	167713SJ	3	16	40.0	21.7	54	20.65	440	30 1/8	13°	26,190
	167714SJ	3	16	40.0	23.4	59	22.20	440	30 1/8	14°	27,090
	167715SJ	3	16	40.0	25.5	64	23.75	440	30 1/8	15°	27,780
	167717SJ	3	16	40.0	29.6	74	26.90	440	30 1/8	17°	29,820
	167718SJ	3	16	40.0	32.7	82	29.80	440	30 1/8	18°	30,810

* Horsepower consumed in clear water.

** Two bladed propeller - (designed for drilling mud only)

NOTES:

Liquid Temperature: Mixers constructed in 316SS are assembled using components that will withstand liquid temperatures up to 195°F. Refer to Warm Liquid Cable chart on Individual product specification sheet for required cable.

Consult your Flygt Regional Applications Engineer or Regional Sales Office for specific model and propeller selection.

Important: Please provide Specific Gravity with applications details.

All of the above versions are available in Stainless Steel or Proacid 254.

All versions can be equipped with Seal Flush Device.

Explosion-proof mixers are available.

Power Cable Materials

Availability Chart

Section 7



Accessories

Issued: 1/02

Supersedes: 10/98

Mixer Model	Chloroprene Rubber 104°F (40°C) max.
4410.011 (cast iron)	(S)
4430.010 (cast iron)	(S)

4600 Mixers		Chloroprene Rubber Jacket 104°F (40°C) max.	Warm Liquid/Acid Resistant Cable (Polymer Jacket) HCR Type 195°F (90°C) max.
Mixer Model	Volts		
4610 3Ø	200	(S)	*
	230		*
	460		*
	575		*
4620 1Ø	115	(S)	—
	230		
4620 3Ø	200	(S)	*
	230		
	460		
	575		
4630	200	(S)	*
	230		
	460		
	575		
4640	200		*
	230		
	460		
	575		
4650	200		*
	230		*
	460		*
	575		*
4660	200		*
	230		
	460		
	575		
4670	**200	(S)	*
	230	(S)	*
	460	(S)	*
	575	(S)	*
4680	200	(S)	Consult Factory
	**230	(S)	*
	460	(S)	*
	575	(S)	*

* Optional ** Requires two power cables (S) Standard.

- Notes:**
1. Silicone warm liquid cable is not available on 4600 family of mixers.
 2. Nonstandard materials will increase delivery time - consult factory.

Warranty



General Information

Issued: 4/01

Supersedes: 2/99

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ITT FLYGT SUBMERSIBLE MIXER WARRANTY

ITT FLYGT warrants its Mixer/Guide Rail System which includes ITT FLYGT provided mixer, guide rails and Mixer power cables (the "System") against defects in workmanship and materials for 4 years from the date the System is shipped to the end user (the "Warranty Period"). ITT Flygt will pay the cost of replacement parts and labor necessary to cure any defects in workmanship or materials discovered during the Warranty Period as follows:

- 0 - 2 years: 100% Parts and Labor
- 2 - 3 years: 50% Parts and Labor
- 3 - 4 years: 25% Parts and Labor

To qualify for this Warranty service, the original end user must:

- (I) Install and use the System according to the ITT FLYGT Catalog and Technical Manual.
- (II) Wastewater Treatment Plant Systems must be well screened with 1/2" bar screen. Non-Wastewater Systems must be operated as outlined at the time of proposal.
- (III) Submit start-up reports in a form approved by ITT FLYGT, no later than 30 days after start-up; and
- (IV) Return the System to an Authorized ITT FLYGT Service Facility, freight prepaid, for repair; and
- (V) Use the ITT FLYGT Mixers with ITT FLYGT approved guide rails, cables and controls if they are not provided by ITT FLYGT; and
- (VI) Submit all Warranty claims within 30 days after the repair.

IMPORTANT: For warranty purposes, monitoring devices supplied with specific mixers for protection must be connected and utilized. Failure to do so will invalidate the warranty.

Failure to follow any one of these conditions may void this Warranty.

In addition, ITT FLYGT's obligations under this Warranty do not cover damage to the System caused by misuse, abuse, accident, or improper maintenance operation or storage, including any damage caused by a defective power supply or improper electrical protection.

ITT FLYGT's only obligation under this Warranty is to repair or replace any System or part thereof determined by ITT FLYGT to be defective or, ITT Flygt may, at its sole discretion, refund the purchase price. Any System, or part thereof, repaired or replaced under this Warranty will be returned freight prepaid.

The Warranties made herein by ITT Flygt are in lieu of any and all other warranties, expressed or implied and the implied warranties of merchantability and fitness for a particular purpose are hereby expressly disclaimed. ITT Flygt assumes no incidental or consequential damages, including lost profit, resulting from or related to the use or operation of the system or any equipment or accessories in connection therewith.

No person (including any employee of ITT Flygt or its representative or distributor) or entity is authorized to change or extend this warranty and ITT Flygt shall not be responsible for any such change or extension.

THE ITT FLYGT CORPORATION
FUS 4-2001